

**Exercice 1 :** Résoudre les équations.

$$3x + 2 = 5x + 7$$

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$$S = \{ \quad \}$$

$$8x - 6 = 4x - 9$$

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$$S = \{ \quad \}$$

$$-3x + 12 = 2x - 4$$

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$$S = \{ \quad \}$$

$$-10x - 1 = 6x + 9$$

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$$S = \{ \quad \}$$

**Exercice 2 :** Résoudre les équations.

$$4x = 2x + 4$$

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$$S = \{ \quad \}$$

$$9 = -3x - 5$$

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$$S = \{ \quad \}$$

$$x = 5x + 4$$

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$$S = \{ \quad \}$$

$$2x - 3 = 0$$

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$$S = \{ \quad \}$$

**Exercice 3 :** Résoudre les équations.

$$\frac{2}{3}x + \frac{5}{6} = \frac{3}{2}x + \frac{7}{12}$$

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$$S = \{ \quad \}$$

$$\frac{x}{5} - \frac{13}{10} = \frac{3x}{8} - \frac{23}{40}$$

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$$S = \{ \quad \}$$